

Applicant : HUNT, Robert J.
For : LENTICULAR IMAGE DISPLAY APPARATUS
International Filing Date : 22 October 2004
International Application No. : PCT/EP2004/012092
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The listing of the claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Please cancel 3-7, 9-17, 20, 21, 23, 27, 28, 30, 33-38, 41, and 42.

Please amend claims 1, 2, 8, 18, 22, 24, 26, 29, 31, 39 and 40.

Please add new claims 43-47 as follows:

1. (Currently Amended) An apparatus for displaying a lenticular image comprising a lenticular image sheet and a lenticular lens sheet, the apparatus comprising a housing adapted to receive the lenticular image sheet and lenticular lens sheet so as to allow relative sliding movement between the ~~two~~image sheet and lens sheet in a direction substantially perpendicular to the longitudinal axes of lenses on the lens sheet, ~~wherein the housing apparatus includes~~ing means for actuating one of said lenticular lens sheet with respect to the and said lenticular image sheet in said direction of movement, wherein at least one lug projects from said one of the lens sheet or image sheet, the apparatus further including at least one bearing arranged to support said at least one lug during said relative sliding movement.

2. (Currently Amended) An apparatus as claimed in Claim 1, wherein said actuating means is arranged to actuate said lens sheet, the image sheet being, at least during use, the image sheet is fixed with respect to the housing.

3. - 7. (Cancelled)

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8. (Currently Amended) An apparatus as claimed in ~~any preceding~~ claim 2, wherein the actuating means comprises a rotary cam in operative association with at least one cam follower such that rotation of the cam causes reciprocating movement of the at least one cam follower, the at least one cam follower being coupled to the lens sheet to impart reciprocating movement thereto.

9. - 17. (Cancelled)

18. (Currently Amended) An apparatus as claimed in Claim 8~~14~~, wherein said at least one lug projects from said lens sheet in a direction substantially parallel with said direction of movement, said at least one cam follower ~~is being~~ carried by said at least one lug.

19. An apparatus as claimed in Claim 18, wherein said at least one lug carries two spaced apart cam followers, the cam being located, in use, between the cam followers.

20. - 21. (Cancelled)

22. (Currently Amended) An apparatus as claimed in ~~any one of Claims 18 to 21~~, wherein said cam ~~is~~has a rotational axis, the cam being eccentrically mounted on ~~its~~said rotational axis.

23. (Cancelled)

24. (Currently Amended) An apparatus as claimed in ~~any one of Claims 18 to 23~~, wherein a single lug projects from a first side of the ~~housing~~lens sheet and is substantially centrally located on said first side.

25. (Original) An apparatus as claimed in Claim 24, wherein a single lug projects from a second side of the housing, the second side being opposite the first side.

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26. (Currently Amended) An apparatus as claimed in Claim ~~12~~23, wherein at least one of said bearings is rotatable about an axis and is eccentrically located with respect to said axis.

27. - 28. (Cancelled)

29. (Currently Amended) An apparatus as claimed in Claim 27, wherein said at least one lug projects from the ~~housing~~lens sheet in a direction generally perpendicular with the direction of movement of the lens sheet and ~~being~~is generally coplanar with the lens sheet.

30. (Cancelled)

31. (Currently Amended) An apparatus as claimed in Claim ~~29 or 30~~, wherein said at least one lug is associated with guide means in the form of a slot and pin assembly, one of the slot and pin being provided on said at least one lug, the other being carried by the housing.

32. (Original) An apparatus as claimed in Claim 31, wherein the position of said pin is adjustable in a direction generally perpendicular with the direction of movement of the lens sheet and generally in or parallel with the plane in which the lens sheet lies.

33. - 38. (Cancelled)

39. (Currently Amended) An apparatus as claimed in ~~any preceding claim~~1, further including means for tilting the lens sheet about an axis generally perpendicular with the plane in which it lies.

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40. (Currently Amended) An apparatus as claimed in Claim 39, wherein said ~~tiling~~tilting means comprises one or more support members which, in use, support the lens sheet, the position of or each support member being adjustable in a direction generally perpendicular with the direction of movement of the lens sheet and generally in or parallel with the plane in which the lens sheet lies.

41. – 42. (Cancelled)

43. (New) An apparatus as claimed in Claim 1, wherein the position of at least one of said at least one bearing is adjustable in a direction generally perpendicular with the direction of movement of the lens sheet and generally in or parallel with the plane in which the lens sheet lies.

44. (New) An apparatus as claimed in Claim 43, wherein at least one of said at least one bearing is rotatable about an axis and is eccentrically located with respect to said axis.

45. (New) An apparatus as claimed in Claim 1, wherein said actuating means is coupled to said at least one lug to effect said relative sliding movement.

46. (New) An apparatus as claimed in Claim 2, wherein said actuating means comprises a rotatable member coupled to at least one lever, said at least one lever being coupled to the lens sheet to effect reciprocating movement of the lens sheet upon rotation of the rotatable member.

47. (New) An apparatus as claimed in Claim 2, wherein said at least one lug projects from said lens sheet in a direction substantially parallel with said direction of movement.